

jc68 U.S. PTO  
03/22/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Case Docket No. 2328-023 RI  
Date: March 22, 2000

RE-ISSUE  
jc525 U.S. PTO  
09/534814  
03/22/00

REISSUE APPLICATION TRANSMITTAL

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is the reissue application of U.S. Patent No. 5,731,565 issued on March 24, 1998.

INVENTOR: Duane Charles GATES

FOR: SEGMENTED COIL FOR GENERATING PLASMA IN PLASMA PROCESSING EQUIPMENT

Enclosed are the following:

1. SPECIFICATION, CLAIMS AND DRAWINGS
  - (a)  5 pages of specification
  - 9 pages of claims
  - 1 page of abstract
- (b)  3 sheets of formal drawings  
 No changes in the drawings upon which the original patent was issued are to be made. Therefore, in accordance with 37 CFR §1.174, please find attached, in the size required for original drawings:  
 a copy of the printed drawings of the patent  
 a photoprint of the original drawings.  
 Request for Transfer of Drawings for Reissue Application and Provision of Temporary Drawings is enclosed herewith.
2. DECLARATION AND POWER OF ATTORNEY  
 pages of declaration and power of attorney
3. PRELIMINARY AMENDMENT  
 attached
4. OFFER TO SURRENDER THE ORIGINAL LETTERS PATENT IN ACCORDANCE WITH 37 CFR §1.178  
 attached
5. LETTERS PATENT  
 original letters patent attached  
 declaration that original letters patent lost or inaccessible

6. TITLE

In accordance with 37 CFR §1.171, this application for reissue is accompanied by:

- [ ] a certified copy of an abstract of title  
or  
[ ] an order for an abstract of title and authorization to charge Deposit Account No. 07-1337 in the amount of \$25.00.

7. INFORMATION DISCLOSURE STATEMENT

- [ ] attached

8. PRIORITY - 35 USC §119

- [ ] Priority of Patent Application filed on in  
is claimed under 35 USC §119.  
[ ] The certified copies have been filed in prior application Serial No. filed on .

9. SMALL ENTITY STATUS (if applicable)

- [ ] A verified statement from the file of U.S. Patent that this filing is by a small entity is attached.

10. ASSIGNMENT INFORMATION (if applicable)

- [X] The prior application is assigned of record to Lam Research Corporation, Fremont, California.  
[x] Assignee's Assent to Reissue is enclosed herewith.

Respectfully submitted,

LOWE HAUPTMAN GOPSTEIN GILMAN & BERNER, LLP

Allan M. Lowe  
Registration No. 19,641

by Michael G. Gilman  
Registration No. 19,114

1700 Diagonal Road, Suite 310  
Alexandria, Virginia 22314  
(703) 684-1111 AML:ssw  
Date: March 22, 2000

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application of :  
Duane Charles GATES :  
Serial No. : Group Art Unit:  
(Reissue application of :  
U.S. Patent 5,731,565) : Exr:  
Filed: March 22, 2000 :  
For: SEGMENTED COIL FOR GENERATING PLASMA IN PLASMA PROCESSING EQUIPMENT

REQUEST FOR TRANSFER OF DRAWINGS FOR REISSUE APPLICATION  
AND PROVISION OF TEMPORARY DRAWINGS

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 CFR 1.174, applicants courteously request that the drawings of applicant's patent, U.S. Patent 5,731,565, filed July 27, 1995, be transferred to the present Reissue Application. Temporarily, applicant provides herewith three (3) sheets of copies of drawings from the original patent for the subject reissue application.

Respectfully submitted,

LOWE HAUPTMAN GOPSTEIN GILMAN & BERNER, LLP

Allan M. Lowe  
Registration No. 19,641

by: Michael G. Gilman  
Registration No. 19,114

1700 Diagonal Road, Suite 310  
Alexandria, Virginia 22314  
(703) 684-1111/FAX: (703) 518-5499  
AML:ssw  
Date: March 20, 2000

Docket No.: 2328-023 RIPATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application of :  
Duane Charles GATES :  
Serial No. : Group Art Unit:  
(Reissue application of :  
U.S. Patent 5,731,565) : Exr:  
Filed: March 22, 2000 :  
For: SEGMENTED COIL FOR GENERATING PLASMA IN PLASMA PROCESSING EQUIPMENT

OFFER TO SURRENDER

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 CFR 1.178, the undersigned assignee of the accompanying reissue application for the reissue of Letters Patent Number 5,731,565 for SEGMENTED COIL FOR GENERATING PLASMA IN PLASMA PROCESSING EQUIPMENT granted on March 24, 1998, to Duane Charles Gates and assigned to Lam Research Corporation, Fremont, California, by assignment of the entire interest, hereby offers to surrender said Letters Patent.

Filed herewith is an order for a title report as required in reissue applications.

LAM RESEARCH CORPORATION

By: RICHARD H. LOVGREN

Title: Vice President, General Counsel  
and Secretary

Date: March 22, 2000

Docket No.: 2328-023 RIPATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application of :  
Duane Charles GATES ;  
Serial No. : Group Art Unit:  
(Reissue application of :  
U.S. Patent 5,731,565) : Exr:  
Filed: March 22, 2000 :  
For: SEGMENTED COIL FOR GENERATING PLASMA IN PLASMA PROCESSING EQUIPMENT

ASSIGNEE'S ASSENT TO REISSUE

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 CFR 1.172, the undersigned Assignee of U.S. Patent 5,731,565 to Duane Charles GATES, of which it is the owner by Assignment of the entire interest, hereby assents to filing of the accompanying reissue application therefor, and further assents to filing of the reissue oath by the inventor thereof.

LAM RESEARCH CORPORATION

By: RICHARD H. LOVGREN

Title: Vice President, General Counsel  
and Secretary

Date: March 22, 2000